



The
Arkitek
Studio, Inc.

308 N. Bryan Ave.
Bryan, TX 77803
P (979)821-2635
F (979)775-8224
www.arkitek.com



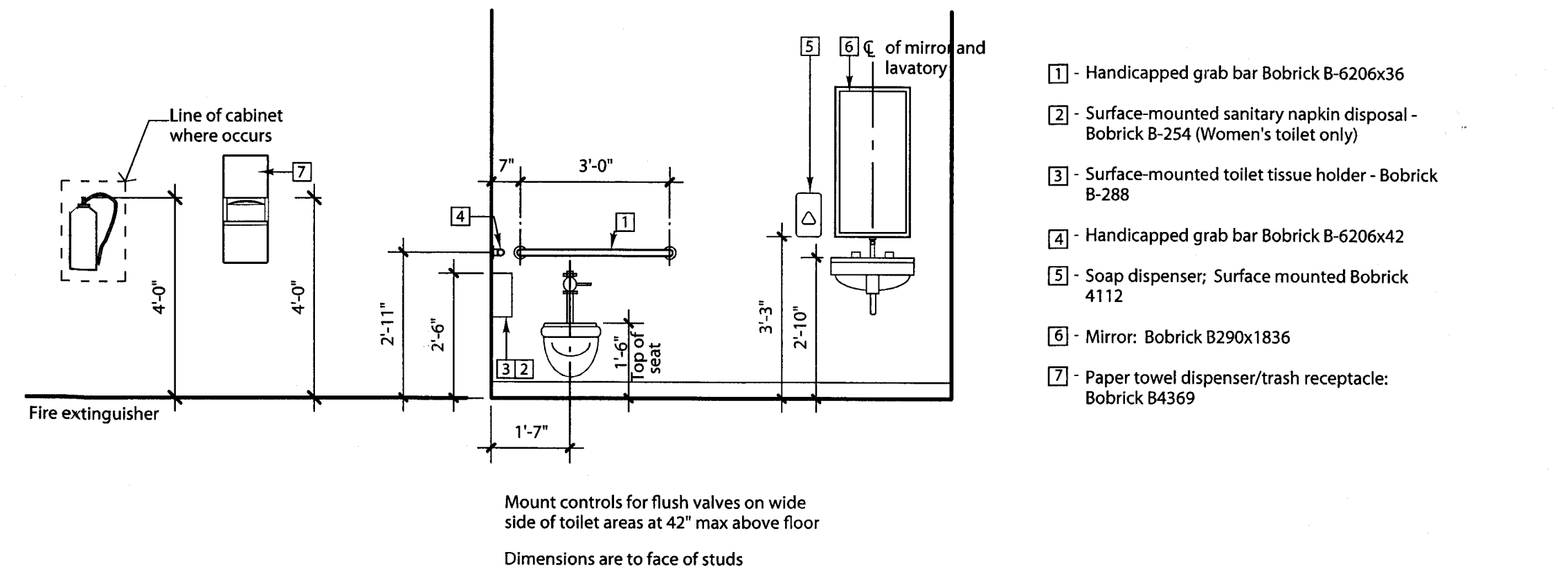
1/27/2014

Renovation and addition for
Sunstate Equipment
1747 Earl Rudder Freeway, Bryan, Texas 77803

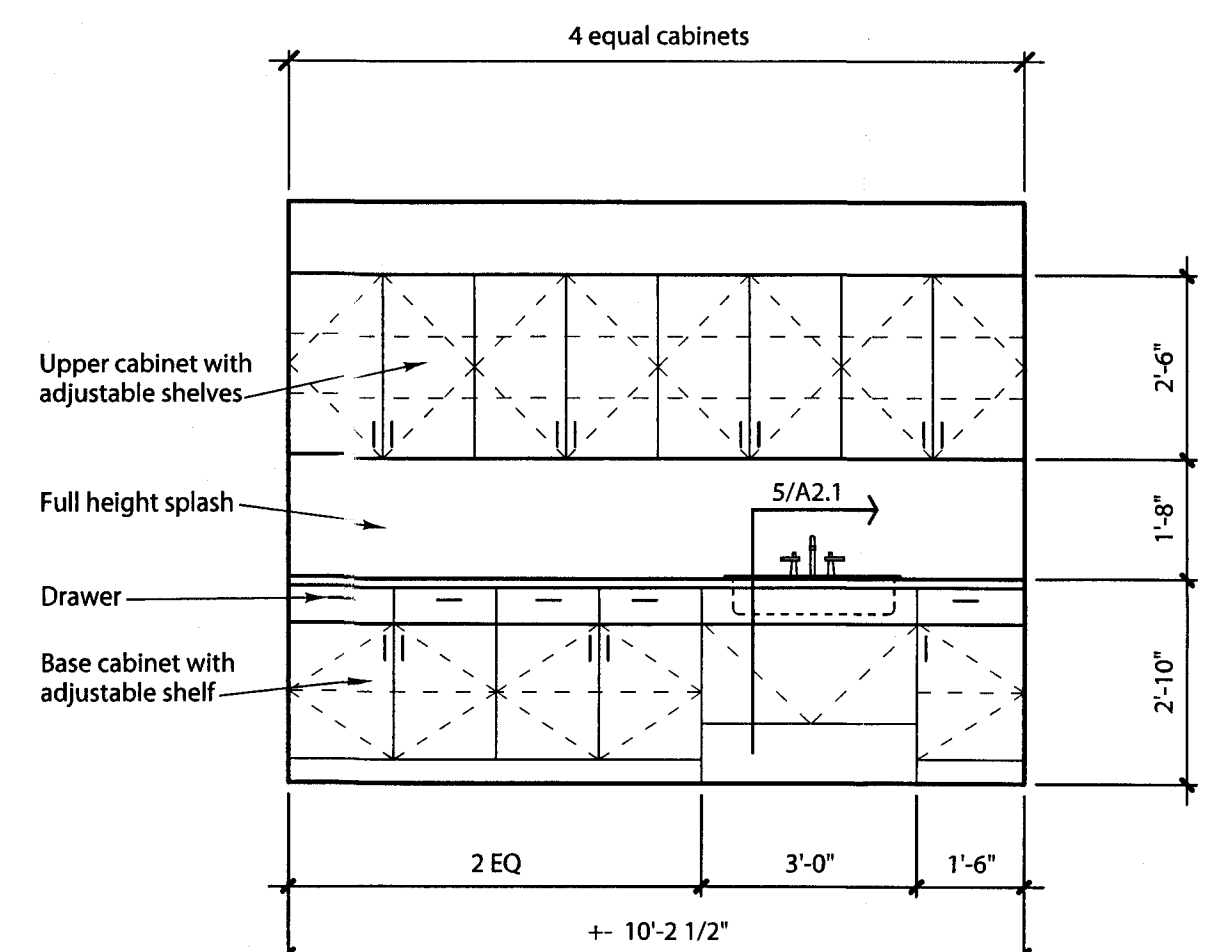
Revisions	
Number	Date
1 - Site review	2/24/2014

Development
Services
February 2014
Project 1350
February 2014

RECEIVED
A2.1



3 MOUNTING HEIGHTS
Refer to: 2/A2.1
Scale: 3/8"=1'-0"



4 BREAKROOM ELEVATION
Refer to: 1/A2.1
Scale: 3/8"=1'-0"

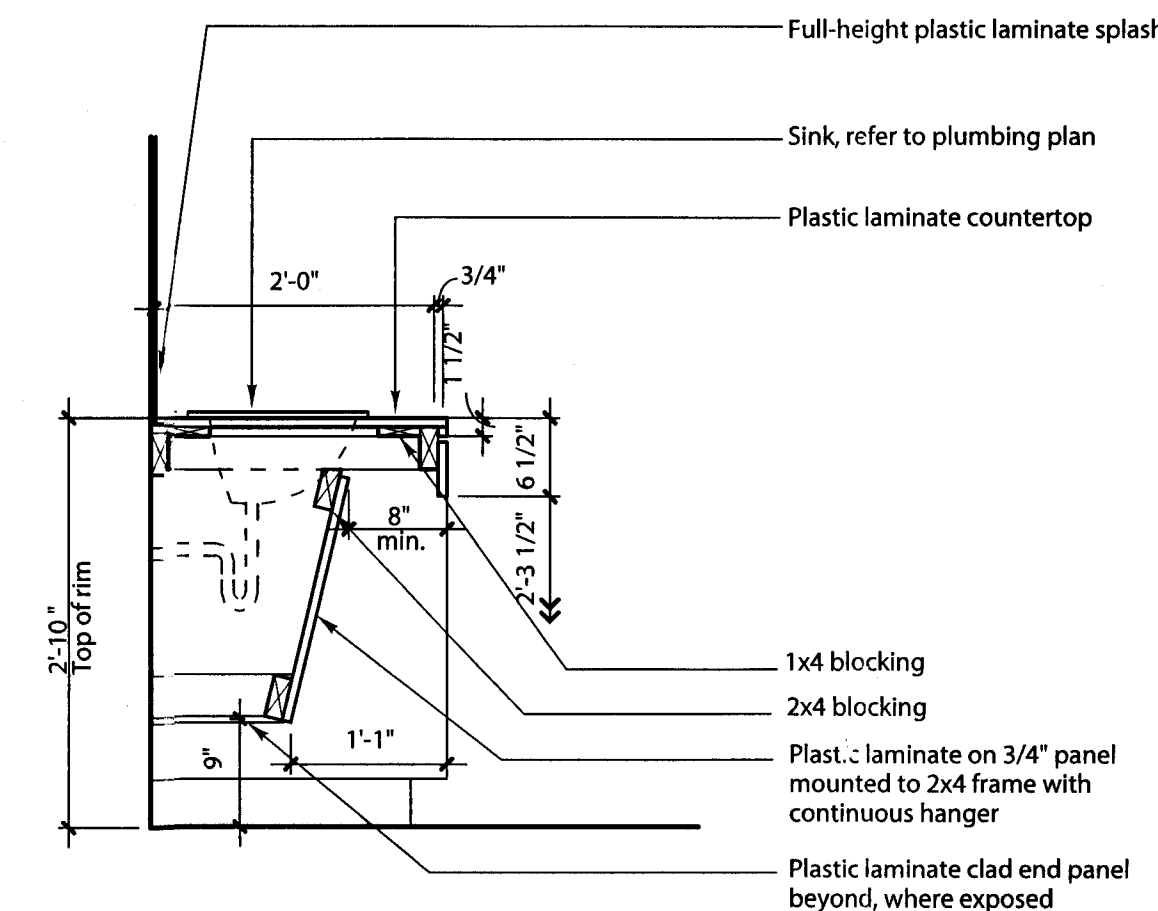
2 ENLARGED FLOOR PLAN
Refer to: 1/A2.1
Scale: 1/4"=1'-0"

Applicable codes:
2009 International Building Code Family; 2009 International Energy Conservation Code; 2011 International Electrical Code; City of Bryan Ordinances, Texas Accessibility Standards.

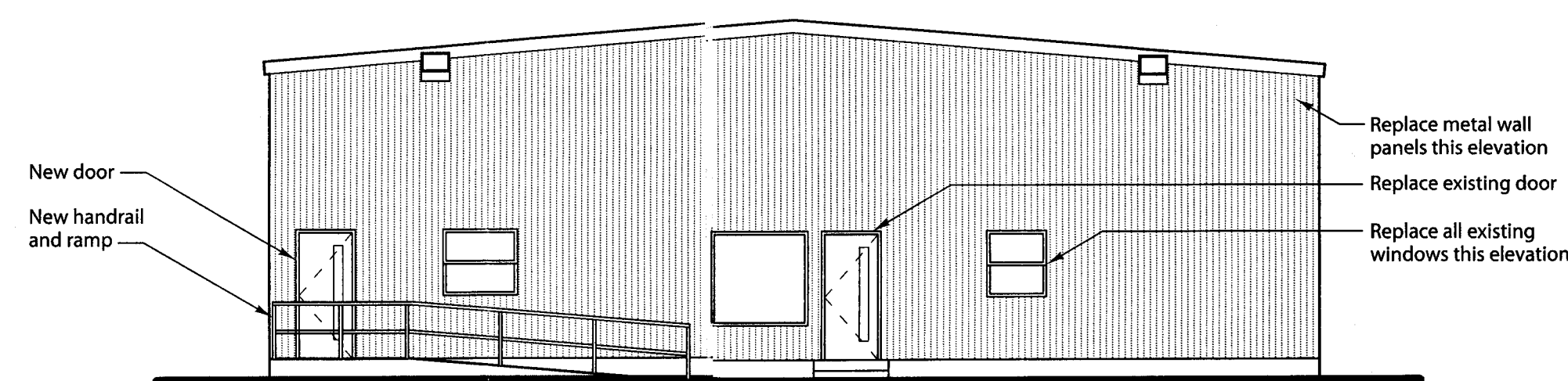
Project description:
Existing 1 story pre-engineered metal building; 4,911 sf with 862 sf shop addition and 859 sf covered wash bay.

IBC 2009		
Construction Type	IIIB	Allo vs 3 stories and 19,000 sf
Occupant Load	Business (100 sf/occ) Warehouse (500 sf/occ) Shop (500 sf/occ)	1,364 sf / 100 = 14 occupants 1,479 sf / 500 = 3 occupants 2,930 sf / 500 = 6 occupants Total = 23 occupants
Toilets	1 / 25 for first 50 occ	2 required; 3 provided
Lavatories	1 / 40 for first 80 occ	2 required; 3 provided

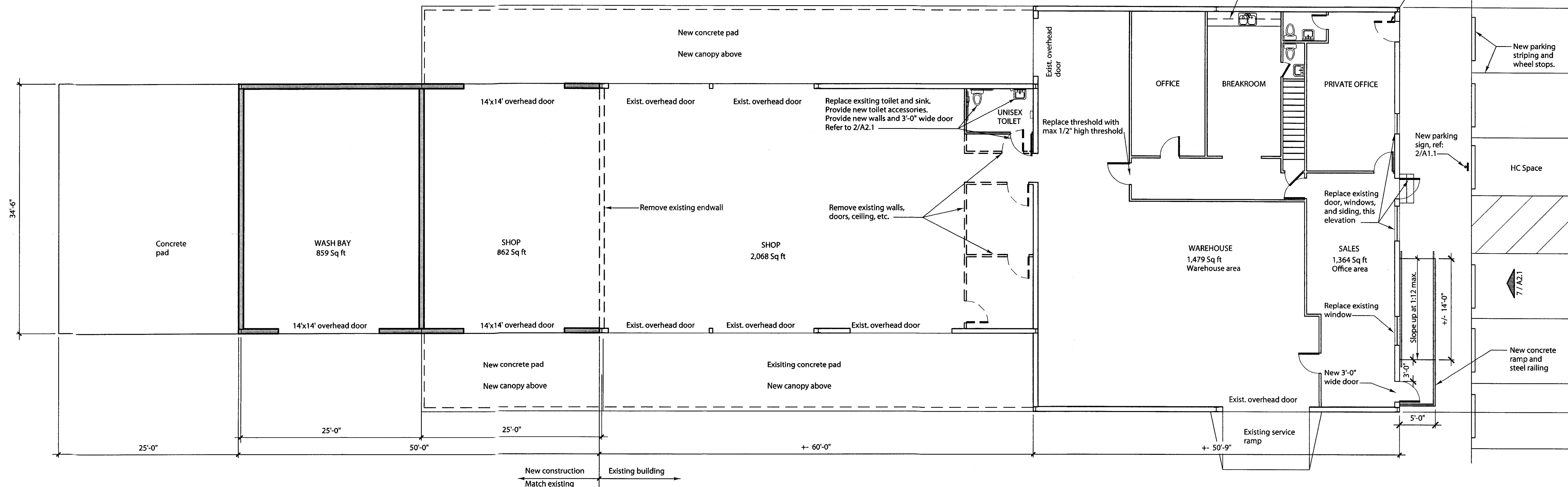
6 CODE REVIEW
Refer to: 1/A2.1
No Scale



5 SINK SECTION
Refer to: 4/A2.1
Scale: 3/4"=1'-0"



7 ELEVATION
Refer to: 1/A2.1
Scale: 1/8"=1'-0"



1 FLOOR PLAN
Refer to: Site Plan
Scale: 1/8"=1'-0"